

Table 5-1. Concentration of COCs Detected in Area A Surface Soils

Analyte	# of Samples Collected	# of Detections	Range of Detections	Mean ^{1/} Value	Median ^{2/} Value	Standard ^{3/} Deviation
Dioxin/Furan as						
2,3,7,8-TCDD (TEQ) (ng/kg)	5	5	1.65-76.29	40.06	41.15	30.96
TCLP Dioxin/Furan as						
2,3,7,8-TCDD (TEQ) (pg/L)	1	1	4.17	na	na	na
TOC (%)	10	10	0.48-6.59	1.43	0.67	1.95
Metals (mg/kg)						
Arsenic	16	16	3-122 C	18.59	6.75	31.16
Barium	16	16	38-141	65.88	57.75	25.06
Cadmium	16	5	0.5J-1.0J	0.48	0.25	0.34
Chromium	16	16	39-282	81.64	73.5	61.3
Copper	16	16	35-298	95.98	49.3	93.0
Lead	16	16	3B-135 C	49	47	39.2
Mercury	16	6	0.02 J-0.4	0.07	0.03	0.1
Nickel	16	16	24-266.7	57.87	41.26	62.24
Silver	16	2	0.4 J-0.4 J	0.2	0.2	0.07
Zinc	16	16	50-773	250.7	169	229.4
TCLP Metals (mg/kg)						
Barium	3	1	0.7	na	na	na
Lead	3	1	0.05	na	na	na
PAH as benzo(a)pyrene (TEQ) (mg/kg)						
2,4-dinitrophenol	7	1	0.03-0.61	0.35	0.43	0.24
Phenol (mg/kg)						
2,4-dinitrophenol	7	1	0.6	na	na	na

Notes: TEQ = Toxicity equivalency quotient

MRL = Method reporting limit

C = The MRL is elevated because the sample required diluting.

J = Estimated concentration

na = not applicable

1/ Sample arithmetic mean. Includes non-detect data assigned one-half the MDL.

2/ Sample median. Includes non-detect data assigned one-half the MDL.

3/ Sample arithmetic standard deviation. Includes non-detect data assigned one-half the MDL.